

FIG. 1

TAMPER-DETECTION-INFORMATION
EMBEDDING APPARATUS 1

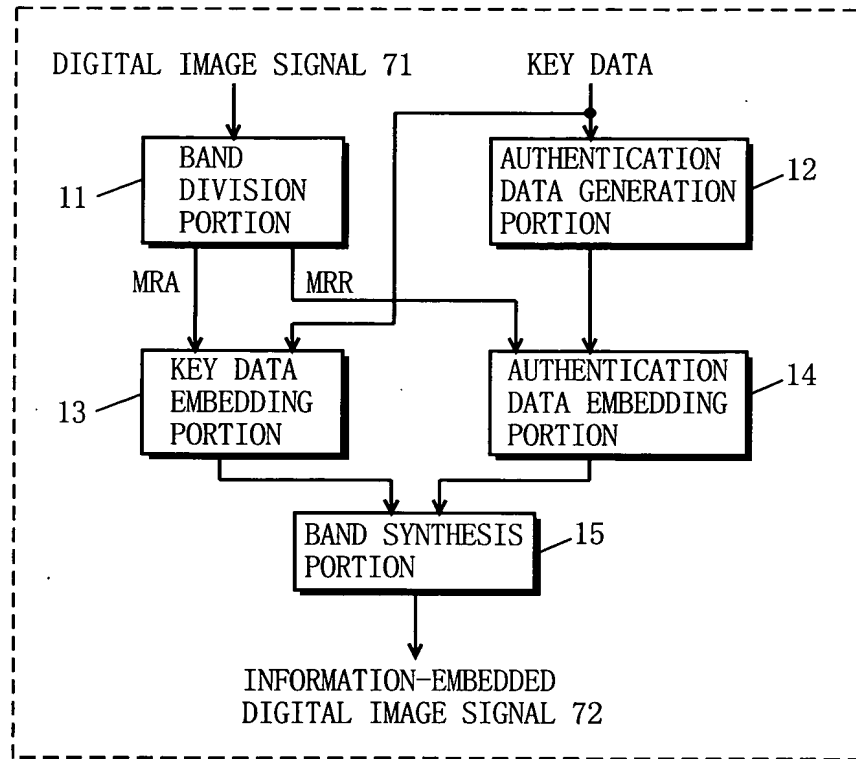


FIG. 2

TAMPER DETECTING APPARATUS 2

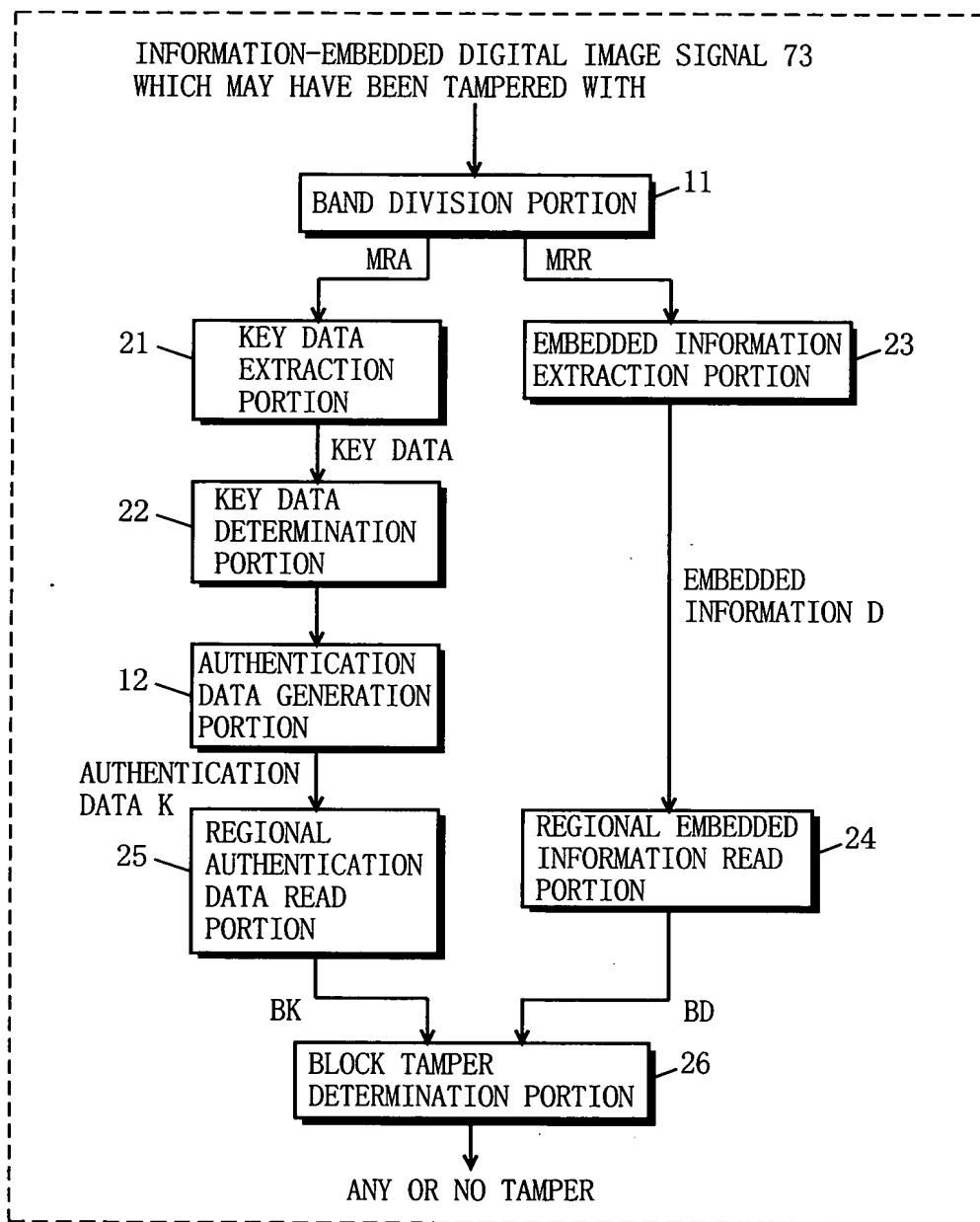


FIG. 3

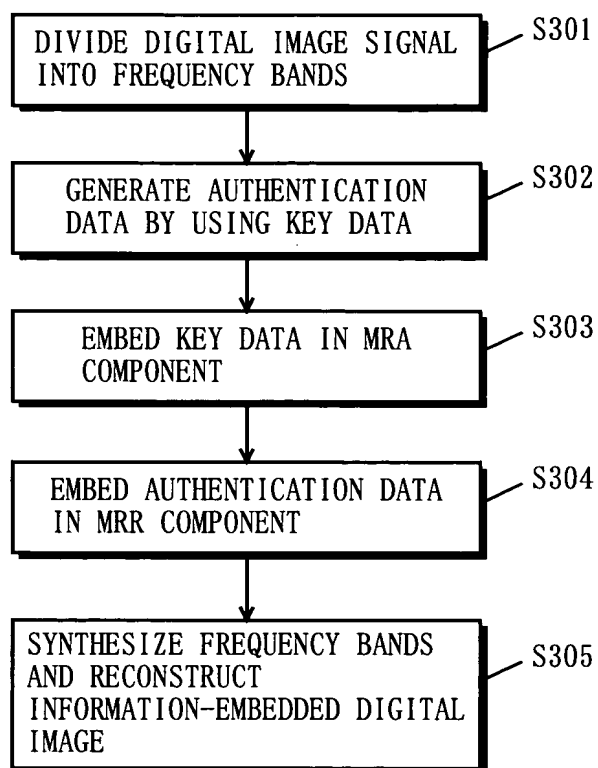


FIG. 4

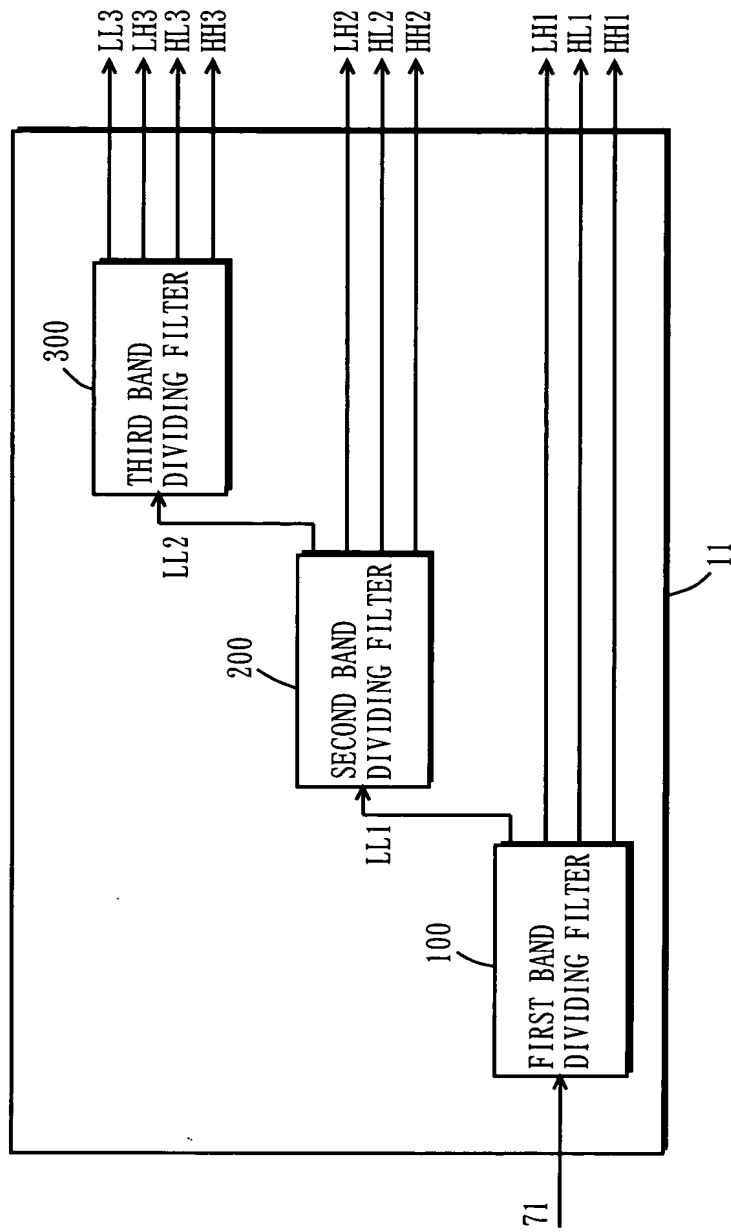
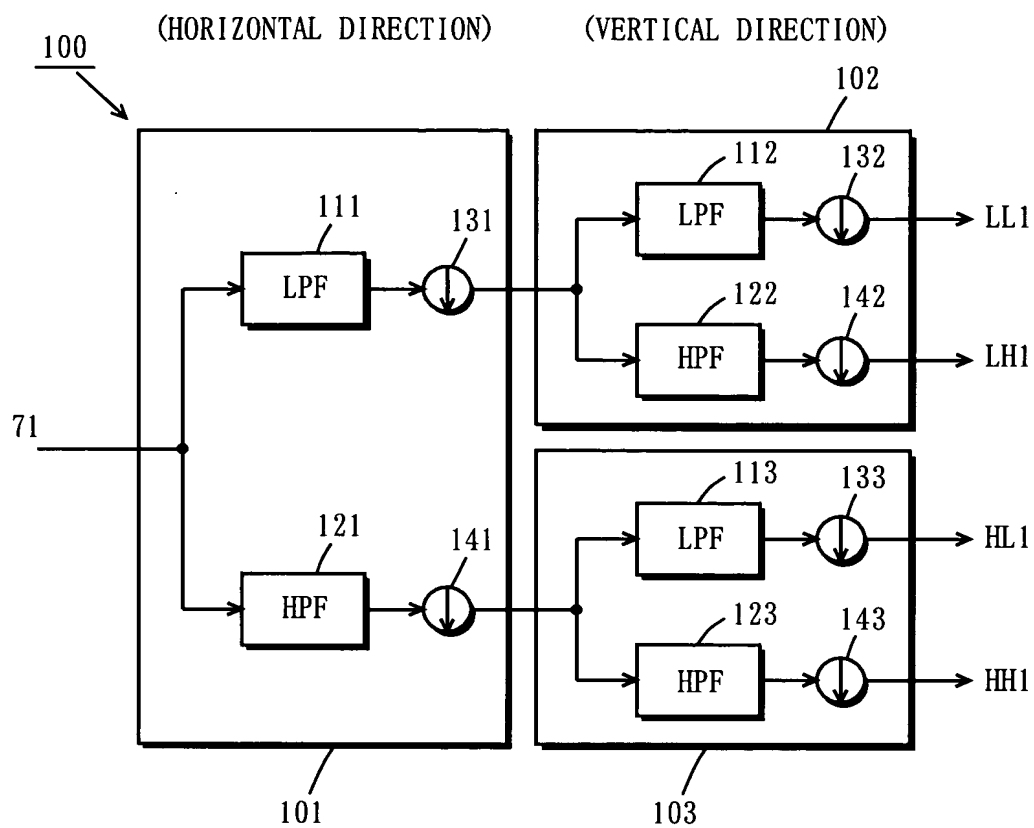


FIG. 5



F I G . 6

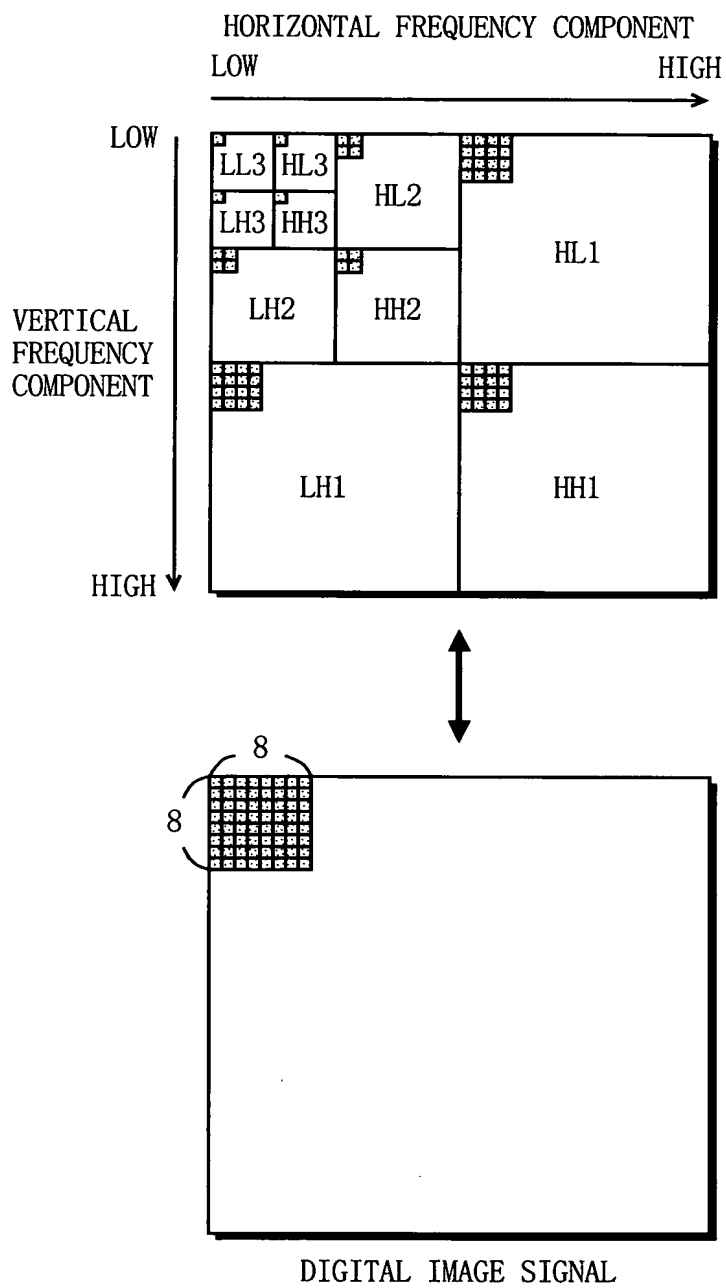


FIG. 7

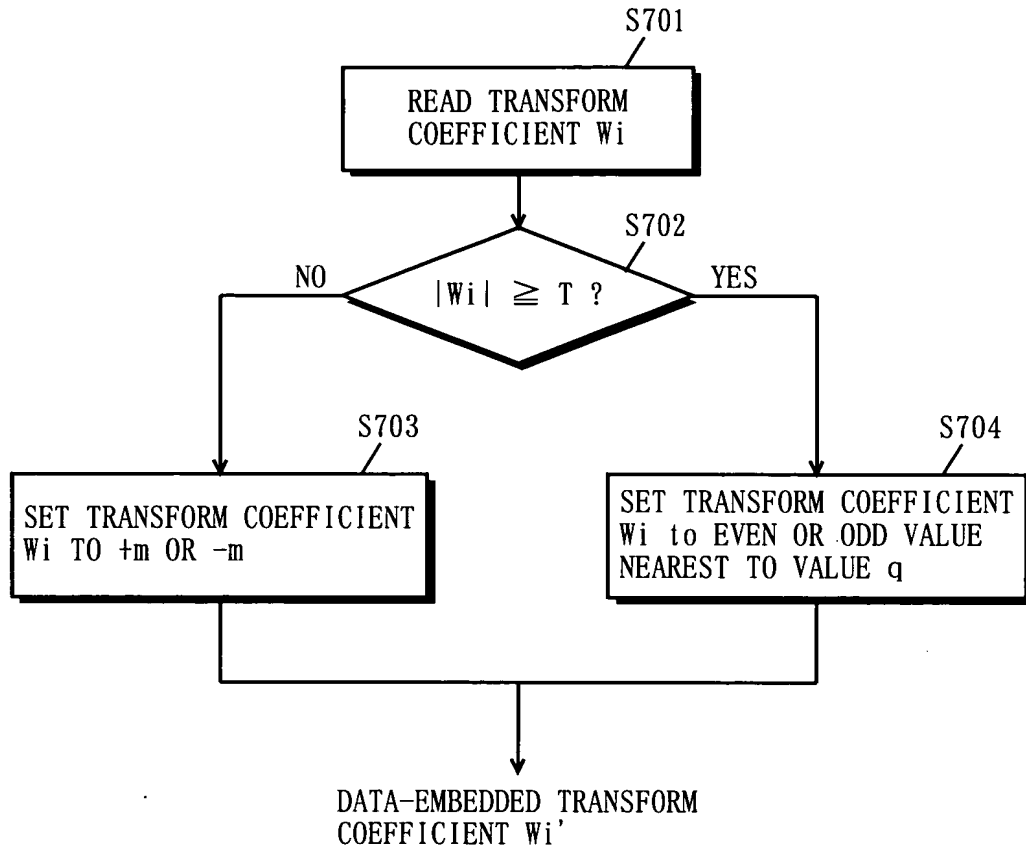
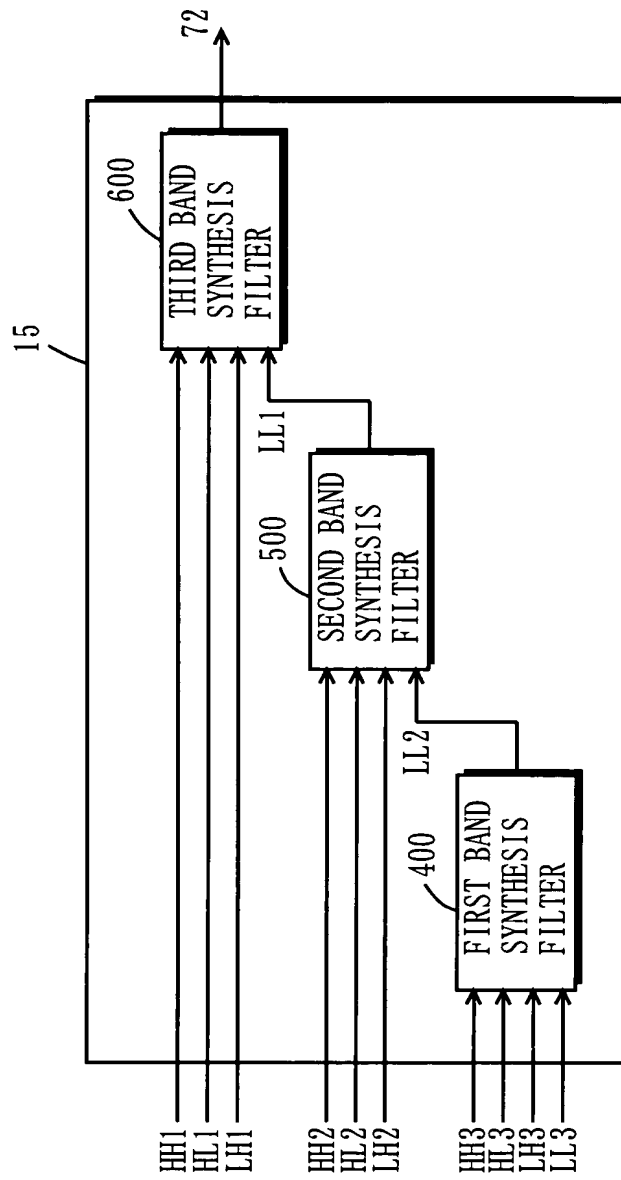


FIG. 8



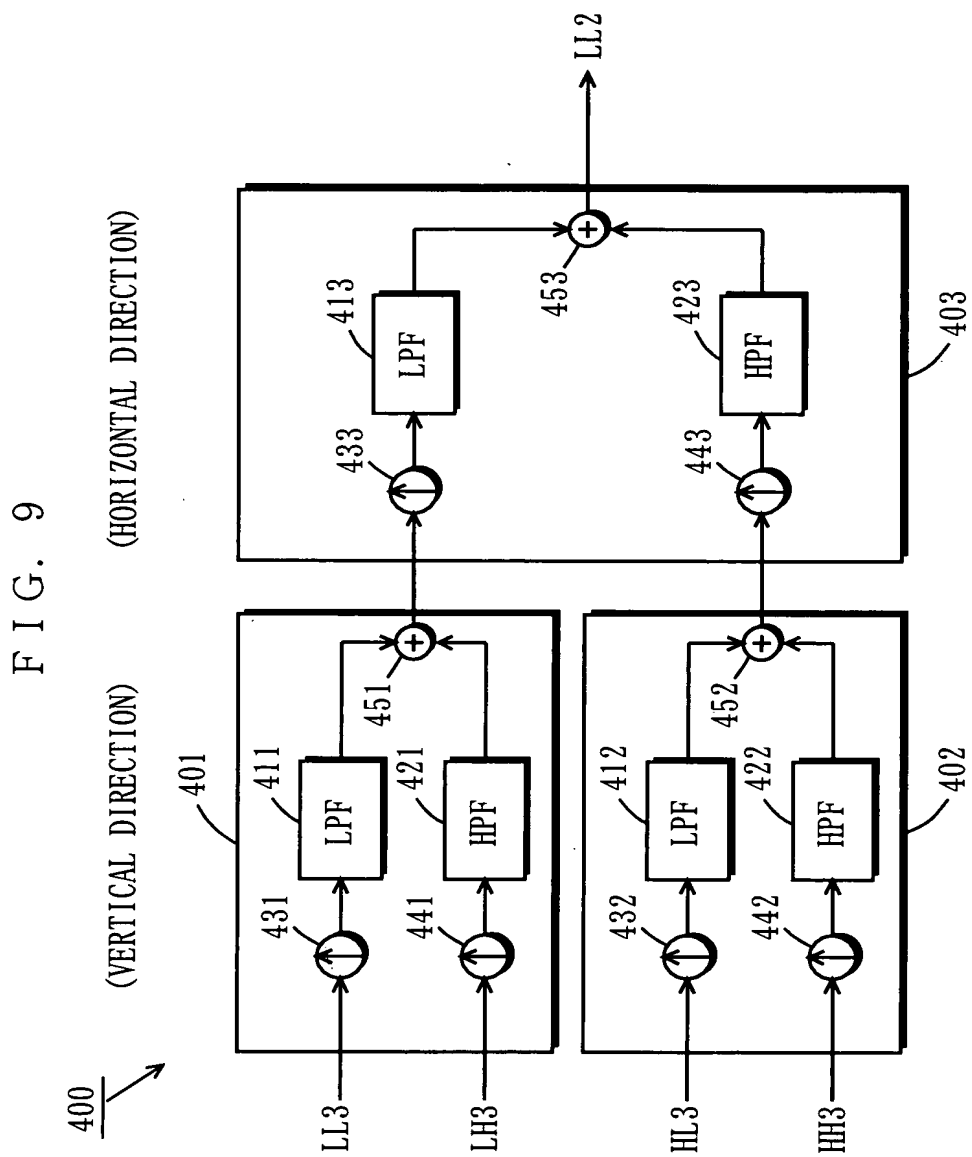


FIG. 10

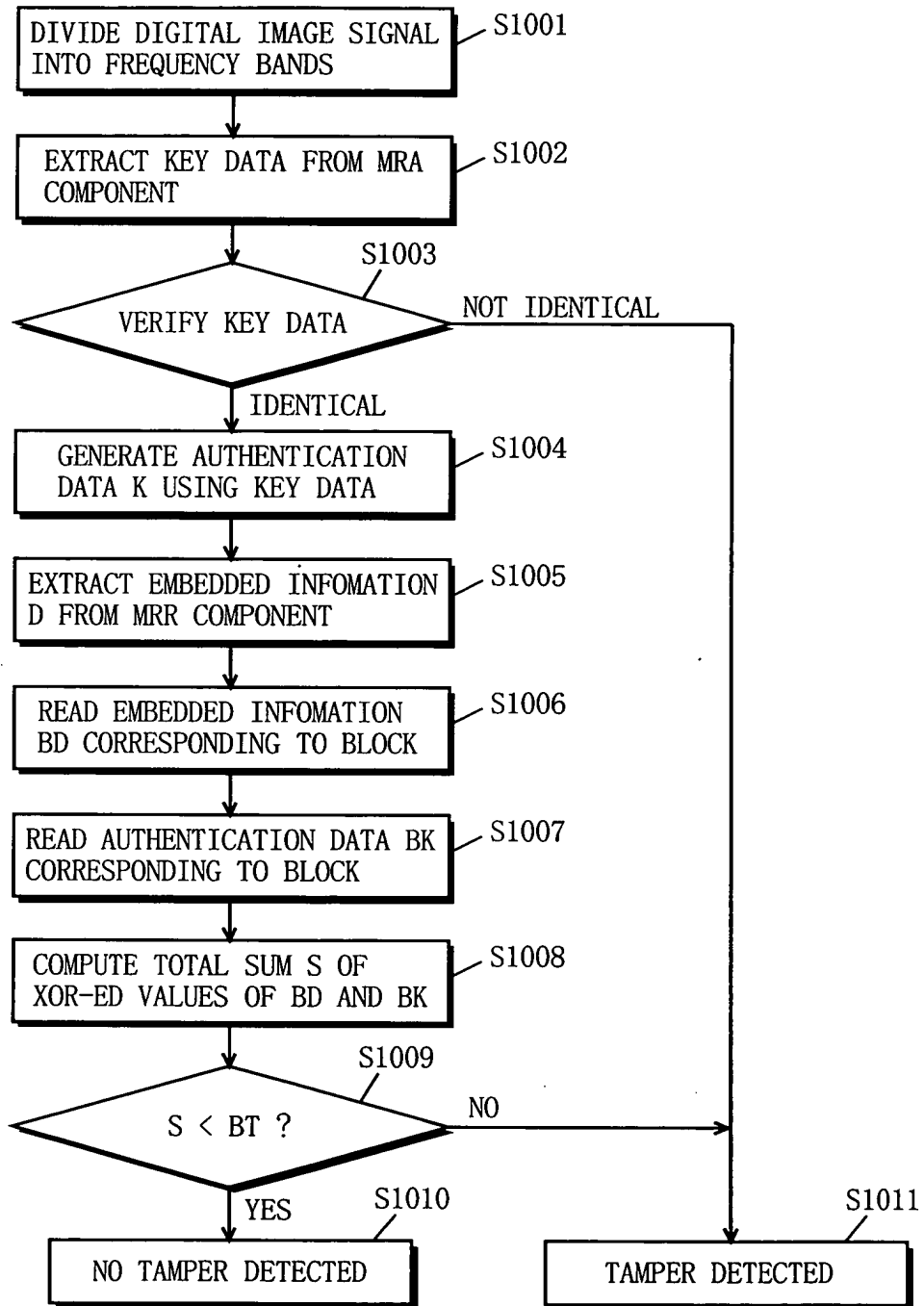


FIG. 11

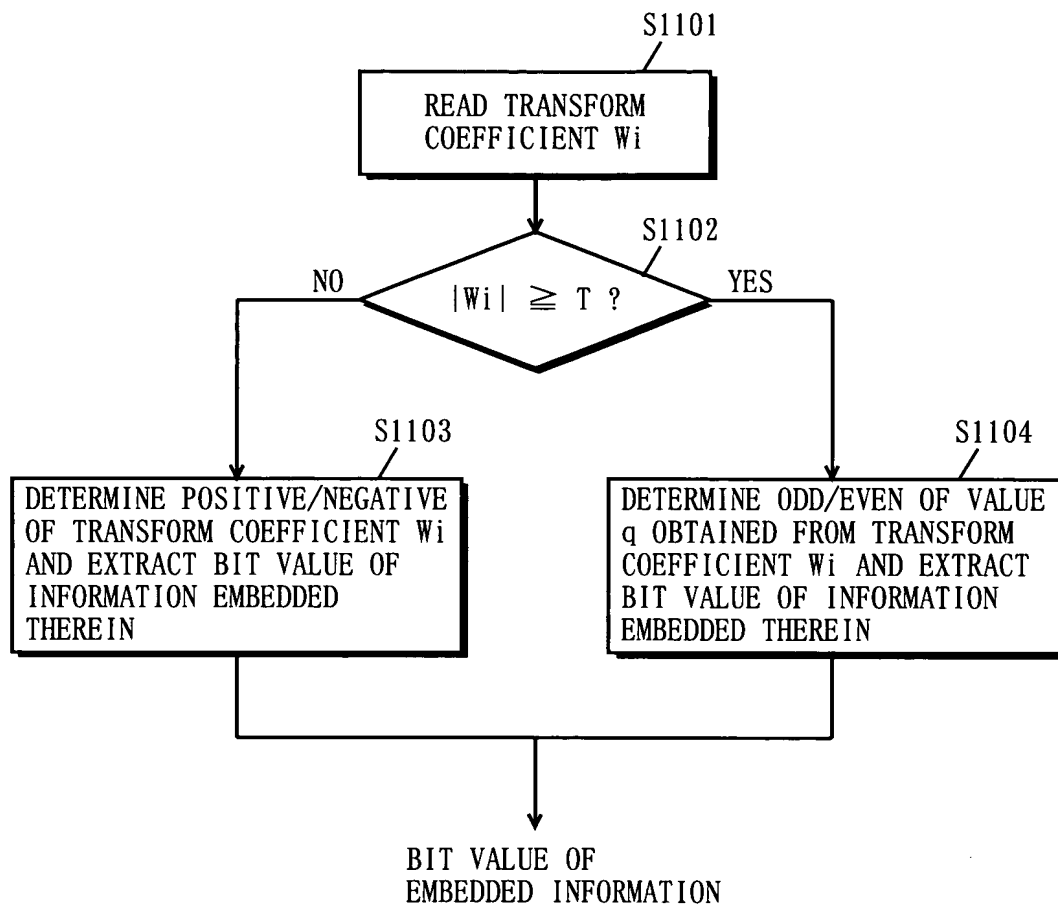


FIG. 12

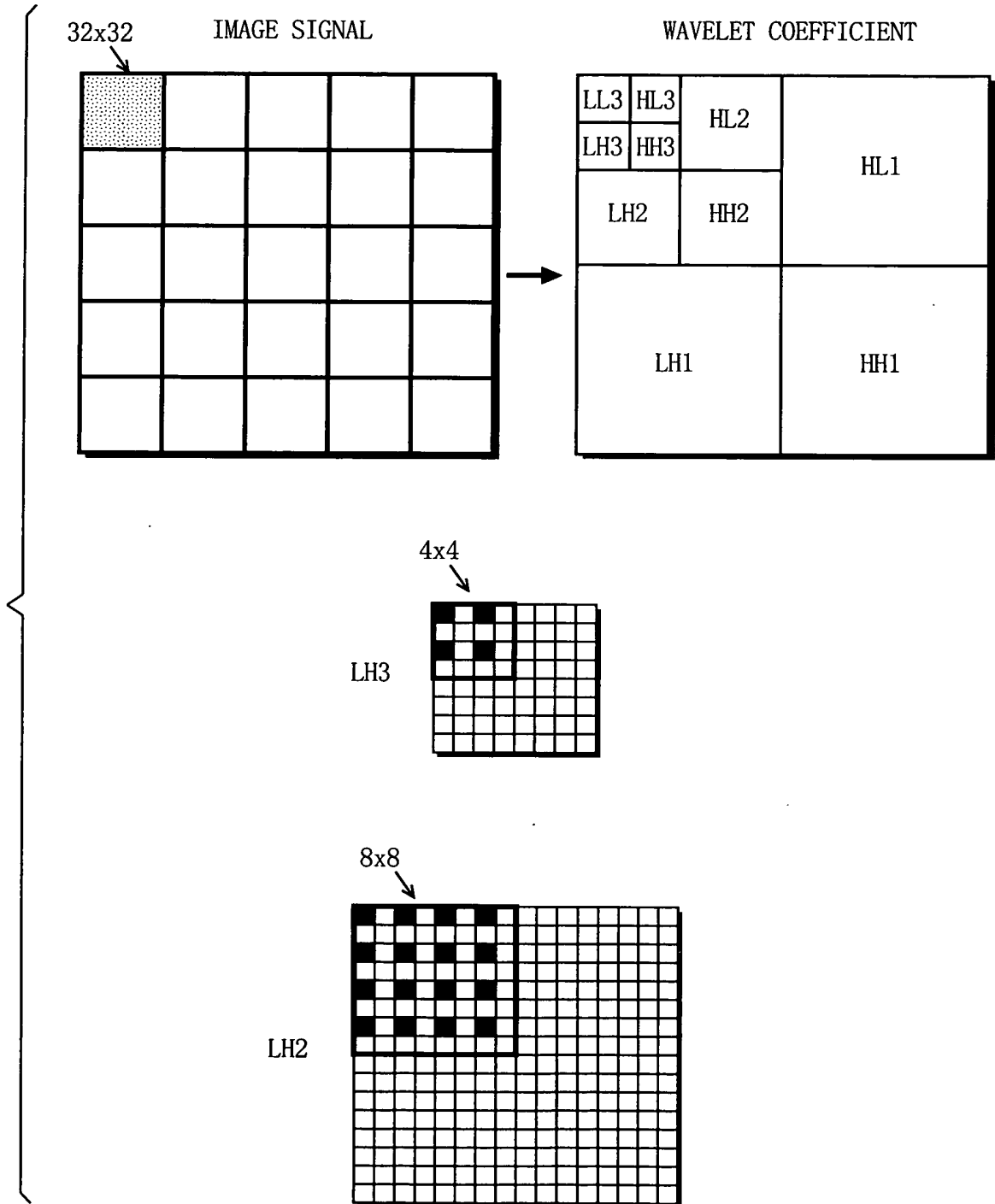


FIG. 13

$$0 \times 0 = 0$$

$$0 \times 1 = 1$$

$$1 \times 0 = 1$$

$$1 \times 1 = 0$$

FIG. 14 PRIOR ART

